# Slider

Slider Component This document outlines the specifications for the SliderComponent , which is a customizable Angular component designed to allow users to select a value within a specified range by dragging a slider handle. Purpose ■ The SliderComponent serves as a user interface element for selecting a value from a range by dragging a slider handle along a track. It provides flexibility in customization and allows developers to integrate it into Angular applications seamlessly. Usage ■ Integrate the SliderComponent into your Angular applications to enable users to select a value within a range by interacting with the slider interface. Inputs ■ minValue : (Required) Specifies the minimum value of the slider's range. maxValue : (Required) Specifies the maximum value of the slider's range. step : (Optional) Specifies the increment value when the slider handle is moved. Default value is 1 . value : (Optional) Specifies the initial value of the slider. Defaults to the minValue . disabled : (Optional) Disables the slider if set to true . vertical : (Optional) Renders the slider vertically if set to true . Default is horizontal. tooltip : (Optional) Displays a tooltip with the current value when the slider handle is hovered if set to true . tooltipPlacement : (Optional) Specifies the position of the tooltip relative to the slider handle. Possible values: 'top' 'bottom' 'left' 'right' tooltipFormatter : (Optional) Allows customization of the tooltip's display format. Accepts a function that formats the value. < app-slider [minValue] = " 0 " [maxValue] = " 100 " [step] = " 1 " [value] = " 50 " [disabled] = " false " [vertical] = " false " [tooltip] = " true " tooltipPlacement = " top " [tooltipFormatter] = " formatTooltip " > </ app-slider > Notes ■ Ensure that appropriate styling is applied to the slider component to match the overall design aesthetics of your application. Implement the formatTooltip function to customize the tooltip's display format according to your application's requirements. Provide clear visual indicators to guide users on how to interact with the slider component, especially for mobile and touch devices.

```
<app-slider
  [minValue]="0"
  [maxValue]="100"
  [step]="1"
  [value]="50"
  [disabled]="false"
  [vertical]="false"
  [tooltip]="true"
  tooltipPlacement="top"
  [tooltipFormatter]="formatTooltip"
>
</app-slider>
```